

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of : Docket No.: CC-0676  
MARK R. FERNALD ET AL. : Group No.: 2863  
Serial No.: 10/712,833 : Confirmation: 9515

Filed: November 12, 2003

Title: An Apparatus Having an Array of Piezoelectric Film Sensors for Measuring Parameters of a Process Flow within a Pipe

Commissioner of Patent and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Applicants submit herewith the reference in accordance with 37 CFR 1.56 and 37 CFR 1.97(c)(2).

Also enclosed is form PTO1449 listing the cited reference.

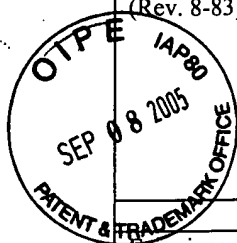
In accordance with 1.17(p), please charge the \$180.00 fee and any additional fees or credit overpayment to Deposit Account No. 50-0260, Order No. CC-0676.

Respectfully submitted,

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Form PTO-1449 (Rev. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. CC-0676	Serial No. 10/712,833
Information Disclosure Citation (Use several sheets if necessary)		Applicant: Mark R. Fernald et al.	
		Filing Date: November 12, 2003	Group: 2856 Confirmation No. 9515

### U. S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	4 0 8 0 8 3 7	03/1978	Alexander et al.	73	61.45	
	4 0 4 8 8 5 3	09/1977	Smith et al.	73	861.25	
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	5 2 8 5 6 7 5	02/1994	Colgate et al.	73	23.2	
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	WO 93/14382	07/1993	WO			

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		"Two Decades of Array Signal Processing Research", The Parametric Approach", H. Krim and M. Viberg, IEEE Signal Processing Magazine, Jul., 1996, pp. 67-94
		"Development of an array of pressure sensors with PVDF film, Experiments in Fluids 26", January 8, 1999, Springer-Verlag
		"Viscous Attenuation of Acoustic Waves in Suspensions" by R.L. Gibson, Jr. and M.N. Toksoz
Examiner		Date Considered
<p>*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of the form with next communication to applicant.</p>		

